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| FOREI | GN PATENT 1 | OCUMENTS | | · · · · · · · · · · · · · · · · · · · | | 수명 및 사고 |
|----------------|---------------------|--------------------|---------|---------------------------------------|--------------------|-----------------------|
| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes No |
| | KD. | WO 01/50676 A2 | 7/12/01 | WIPO | | |
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| OTHE | R DOCUMENT | OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | | | | | | |
|----------------|------------------------|---|--|--|--|--|--|--|
| Ref. Desig. | Examiner's Initials | | | | | | | |
| | KO | Boesgaard et al.: Rabbit: A New High-Performance Stream Cipher, to be published in Proceedings of Fast Software Encryption (FSE) 2003, Springer, Berlin | | | | | | |
| | KN | Kamata et al.: Communication with Chaos via DSP Implementation, 1997 IEEE International Symposium, June 9-12,1997, Hong Kong | | | | | | |
| | KD | Yates: Fixed-Point Arithmetic: An Introduction, Digital Sound Labs, March 3, 2001 | | | | | | |
| | KD | Summary of EVALUATIE EN MPLEMENTATIE VAN AUTHENTISERINGSALGORITMEN | | | | | | |

| Examiner: | K | mot | mos | 2 | Date Considered: | 1/ | 7 | 7/05 | |
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FORM HDP-1449 (Based on Form PTO-1449)

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| ATTORNEY DOCKET No. | SERIAL NO. |
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| 459000-000713 | 10/017,230 |
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| II C D I TONIT DOCI IN FRITC | | |

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|----------------|------------------------|--------------------|--------------------|---------------------|--------------------|---------------------------------|
| | KD | 5,007,087 | April 9, 1991 | Bernstein et al. | | |
| | KD | 5,048,086 | September 10, 1991 | Bianco et al. | | |
| | KD | 5,193,115 | March 9, 1993 | Vobach | | |
| | VD | 5,442,705 | August 15, 1995 | Miyano | | |
| | KD | 5,479,513 | December 26, 1995 | Protopopescu et al. | | |
| | M. | 5,572,454 | November 5, 1996 | Lee et al. | | |
| | KD. | 5,612,973 | March 18, 1997 | Gershenfeld | | |
| | 190 | 5,680,462 | October 21, 1997 | Miller et al. | | |
| | M | 5,696,826 | December 9, 1997 | Gao | | |
| | KD | 5,696,828 | December 9, 1997 | Koopman, Jr. | | |
| | D | 5,729,607 | March 17, 1998 | DeFries et al. | | |
| | KD. | 5,732,138 | March 24, 1998 | Noll et al. | | |
| | W. | 5,751,811 | May 12, 1998 | Magnotti et al. | | |
| | VD | 5,757,923 | May 26, 1998 | Koopman, Jr. | | |
| | KD | 5,960,201 | September 28, 1999 | Ma et al. | | |
| | KD | 6,014,445 | January 11, 2000 | Kohda et al. | | |
| | (A) | 6,018,582 | January 25, 2000 | Francois et al. | | |
| | VD. | 6,049,614 | April 11, 2000 | Kim | | |
| | (A) | 6,064,738 | May 16, 2000 | Fridrich | | |
| | KD | 6,078,665 | June 20, 2000 | Anderson et al. | | |
| | KD | US 6,178,217 | January 23, 2001 | Defries et al. | | |
| | RY | US 6,295,376 | September 25, 2001 | Nakaya | | |
| | W | US 6,301,360 | October 9, 2001 | Bocionek et al. | | |
| | VD. | US 2001/0028682 | October 11, 2001 | Nakaya et al. | | |
| | Kn | US 2001/0028745 | October 11, 2001 | Nakaya | | |

| Examiner: | Bout | s on | .00 | 0 | Date Considered: / | /17 | 105 |
|-----------|------|------|-----|---|--------------------|-----|-----|
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FORM HDP-1449 (Based on Form PTO-1449)

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APPLICANT

Mette Vesterager PETERSEN, et al.

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unknown

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December 7, 2001

| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes No |
|----------------|------------------------|--------------------|------------|---------|--------------------|--------------------|
| | KD | 0 467 239 A2 | 1-22-1992 | ЕРО | | |
| | KD | 0 618 701 A2 | 10-05-1994 | EPO | | |
| | (D) | EP 0 884 912 A2 | 12-16-0998 | EPO | | |
| | KD | EP 0 896 452 A2 | 2-10-1999 | EPO | | |
| | KD | EP 0 940 675 A1 | 9-08-1999 | ЕРО | | |
| | FD | EP 0 994 598 A1 | 4-19-2000 | EPO | | |
| | B | EP 1 001 641 A2 | 5-17-2000 | ЕРО | | |
| • | KN | EP 1 063 811 A1 | 12-27-2000 | ЕРО | | |
| | KD | EP 1 069 498 A2 | 1-17-2001 | ЕРО | | |
| | 147 | EP 1 113 617 A2 | 07-04-2001 | ЕРО | | |
| | KO | EP I 119 133 A2 | 07-25-2001 | EPO | | |
| | KD | EP 0 949 563 A2 | 10-13-1999 | EPO | | |
| | W) | WO 96/06494 | 02-29-1996 | PCT | | |
| | KD | WO 96/38946 | 12-05-1996 | PCT | | |
| | VD. | WO 97/11423 | 03-27-1997 | PCT | | |
| | KN | WO 98/10562 | 03-12-1998 | PCT | | |
| | KD | WO 98/24205 | 06-04-1998 | PCT | | |
| | VV | WO 98/36523 | 08-20-1998 | PCT | | |
| | Ŕ | WO 98/59458 | 12-30-1998 | PCT | | |
| | KD | WO 00/07327 | 02-10-2000 | PCT | | |
| | KD. | WO 00/28695 | 05-18-2000 | PCT | | |
| | KD | WO 01/47178 A2 | 06-28-2001 | PCT | | |

| Examiner: | Justo 17 | n de | Date Considered: 11 | 171 | 105 |
|-----------|----------|------|---------------------|---------------|-----|
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| | FORM HDP | 2-1449 (Based on Forr | n PTO-1449) | ATTORNEY DOCKET No. | SERIAL NO. | | | | |
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| | | | THADE MARK | | | | | | |
| ı | | | Q THAC | | | | | | |
| OTHER Ref. Desig. | Examiner's Initials | S (including Author, Title, I | | em Using Chaos Via DSP Imp | lementation",05-12-1996, p | ogs 112-115 | | | |
| | PD | John M. Carroll, et al., "Ch | aos In Cryptography: The | Escape From The Strange Attractor", Jan. 1992, pgs. 52-72 | | | | | |
| | (A) | European Search Report da | ated November 13, 2001 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Examiner: Vanto W. Cl. Date Considered: 11/18/05

| | · | | | | ATTORNEY DOCKET NO. | | SERIA | · No |
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| | | Sheet 1 of 1 | JAN 1. 3 2005 | 30182 | FILING DATE | | Grou | P |
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| U.S. PA | TENT DOCUM | MENTS | | | | | | |
| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | | Class/ Subclass | | (If appropriate) Filing Date |
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| FOREI | GN PATENT | DOCUMENTS | | | | | |
|----------------|------------------------|--------------------|------|---------|--------------------|--------------------|---------|
| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes | n No |
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| | | | | | | | |
| | | | | | | | 1 |

| Ref. Desig. | Examiner's Initials | |
|----------------|------------------------|--|
| | KD | Jiri Fridrich, "SYMMETRIC CIPHERS BASED ON TWO-DIMENSIONAL CHAOTIC MAPS", Journal of Bifurcation and Chaos, 8:6:1259-1284 (1998) |
| | FD | Hong Zhou, "SECURE COMMUNICATION VIA ONE-DIMENSIONAL CHAOTIC INVERSE SYSTEMS' International Symposium on Circuits and Systems — Hong Kong, June 9-12, 1029-1032 (1997) |
| | KD | Communication from European Patent Office dated October 1, 2004 |
| | | |

| Examiner: | Busto | m 00 | Date Considered: | 11/ | 18/05 | |
|-----------|-------|------|------------------|-----|-------|--|
| - | | | | | | |